

FIG. 1

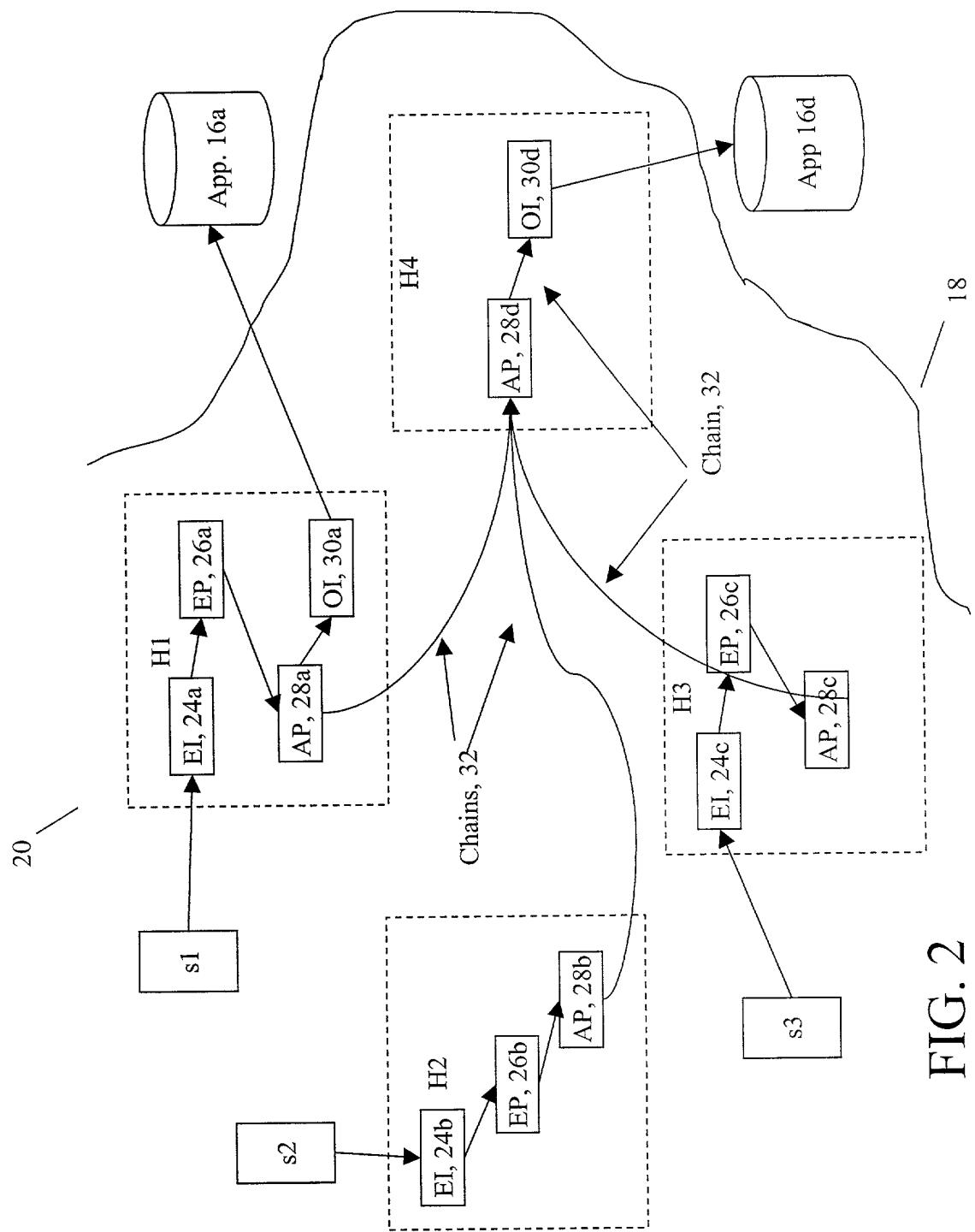
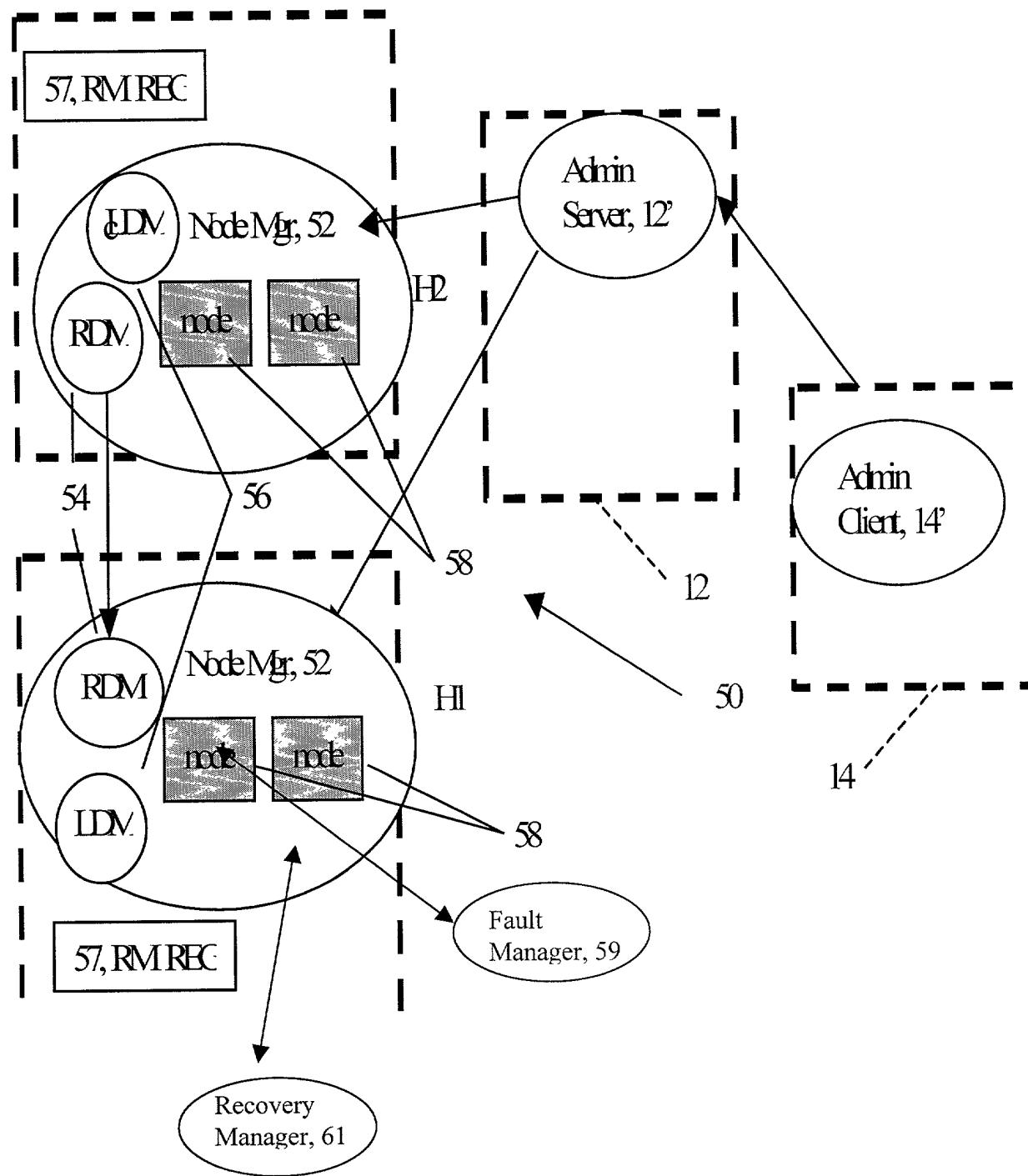
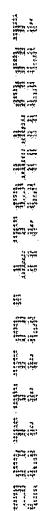


FIG. 2

FIG. 3



## FIG. 4

```
/ /input/24b      The input queues are where nodes
      /26b          look for files to process
      /28b
      /28d

/ /output/24b     The output queues are where nodes
      /26b          write their post-processed files
      /28b

/ /scratch/24b    The scratch queues is used by the
      /25b          node to persist data
      /28b
```



82, MASTER DATA FLOW MAP

Node	Destination	Queue

Node	Destination	Queue

Node	Destination	Queue

FIG. 5  
84i, NODE DATA FLOW MAP

84a, NODE DATA FLOW MAP

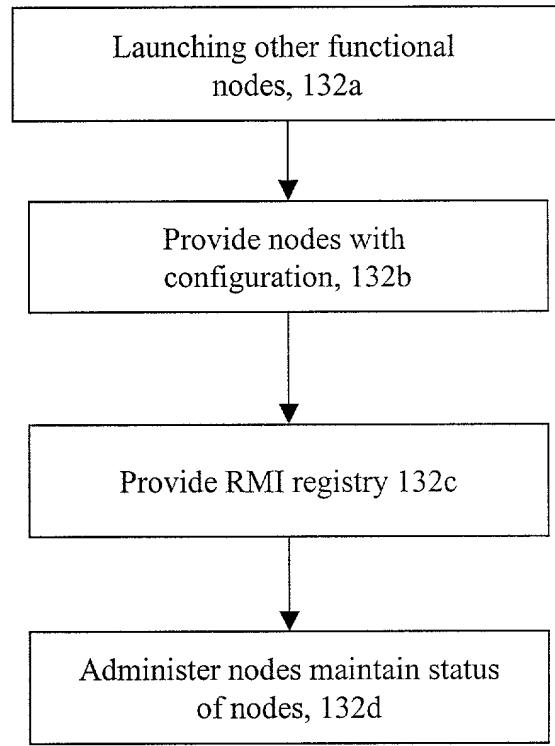
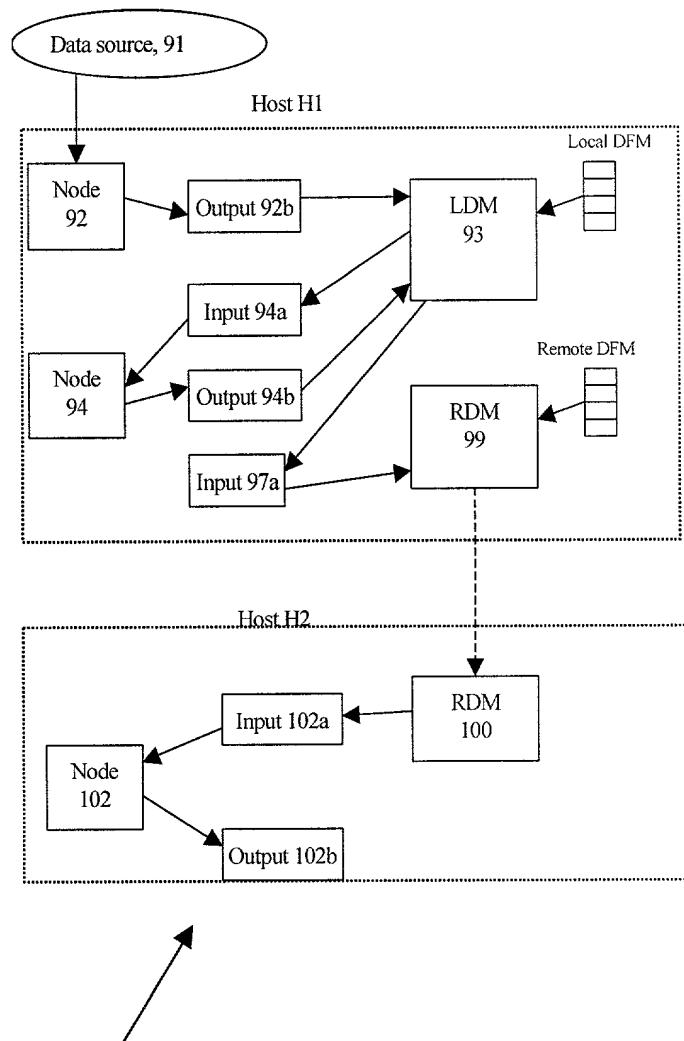


FIG. 6

FIG. 7



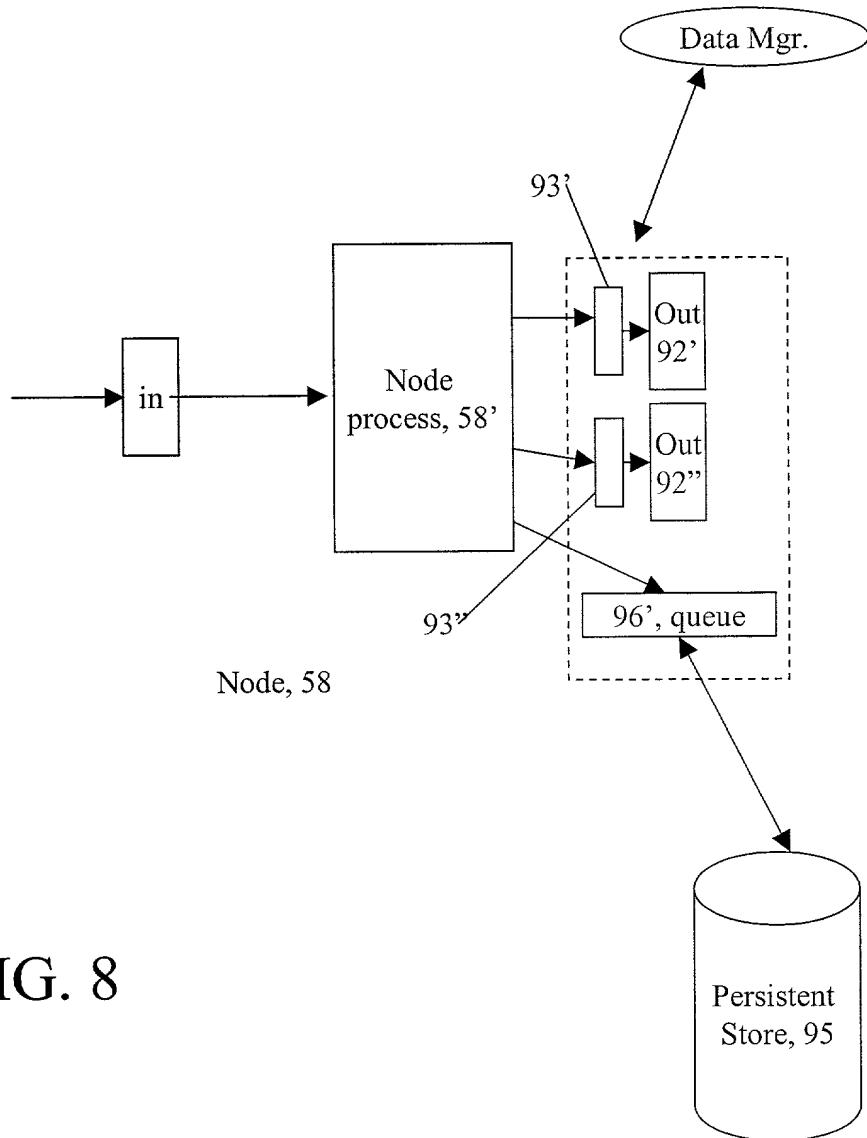


FIG. 8

CHECK POINTING OF PROCESSING CONTEXT OF  
NETWORK ACCOUNTING COMPONENTS

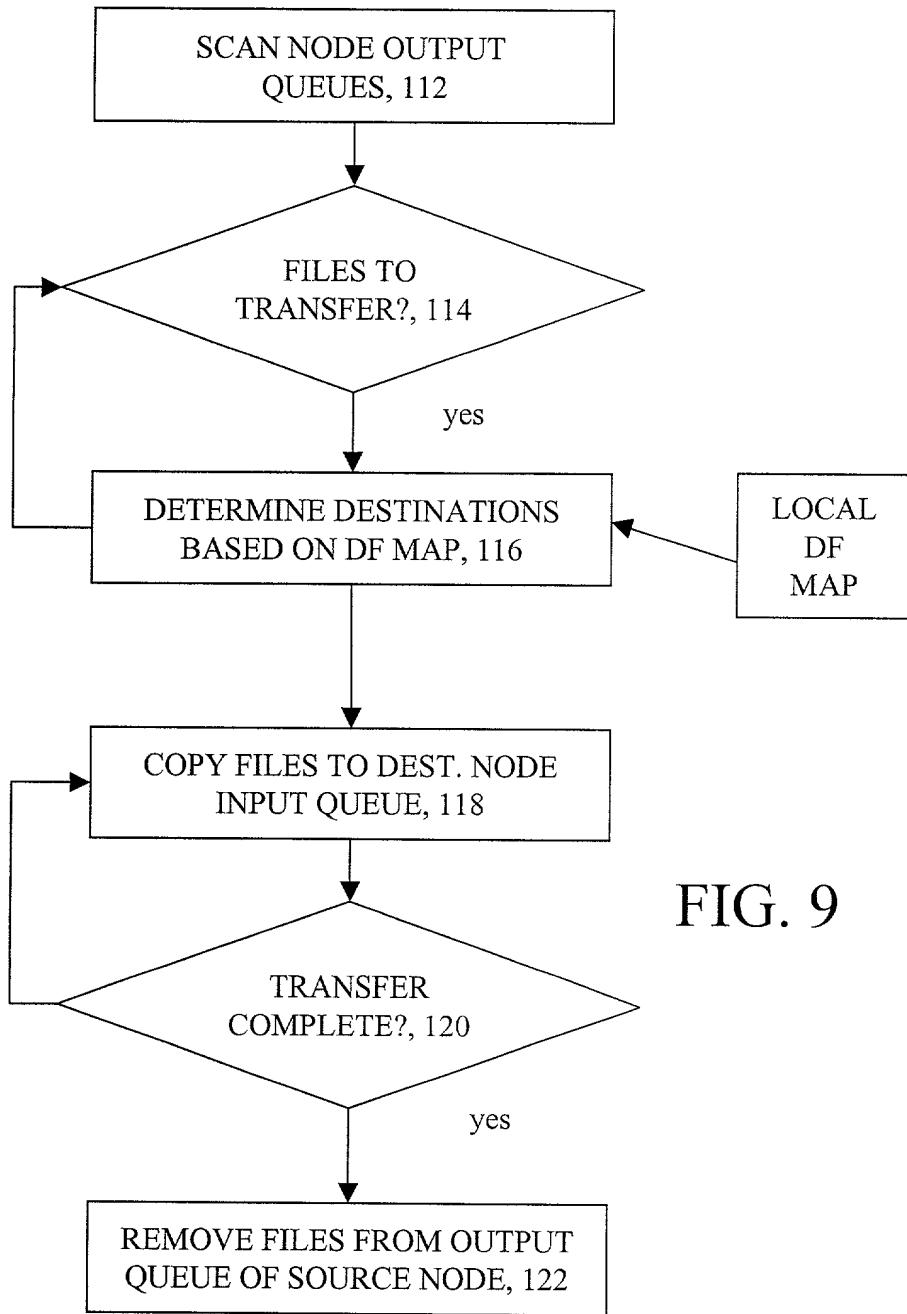


FIG. 9

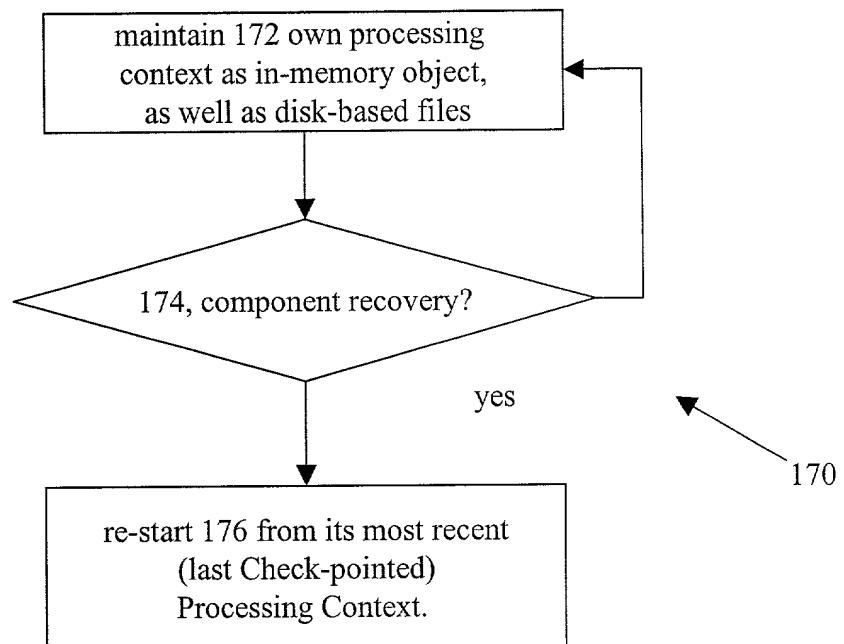


FIG. 10

CHECK POINTING OF PROCESSING CONTEXT OF  
NETWORK ACCOUNTING COMPONENTS

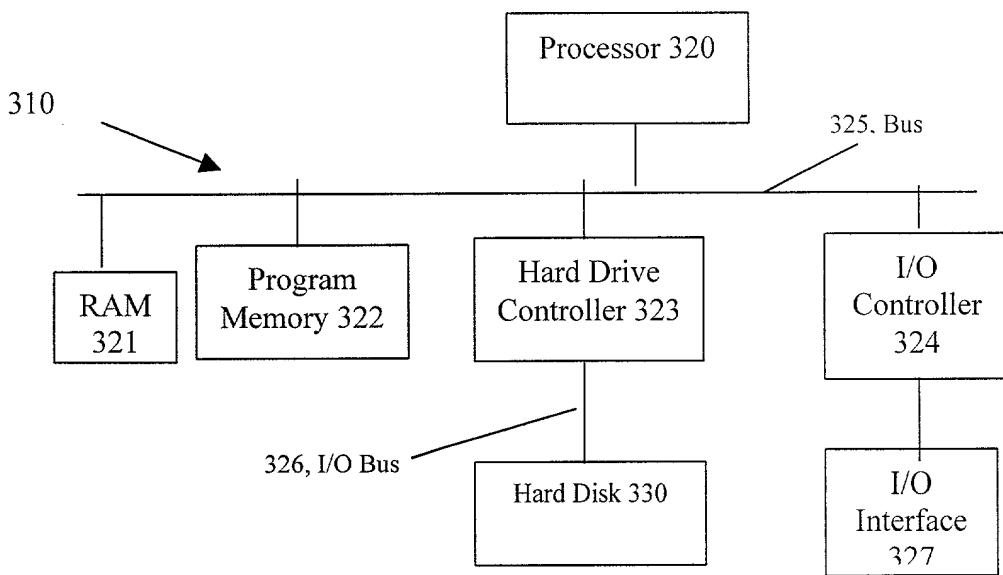


FIG. 11